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AMENDMENTS TO THE SPECIFICATION:

Replace the abstract with the following amended abstract:

ABSTRACT

~~The present invention relates to a~~ A method in a digital image processing chain adjusts for ~~adjusting~~ a colour balance, ~~in which method~~ In the method, the subject is imaged by pixels to form value-sets of the colour components, component-specific histograms are formed from the value-sets of the colour components, cumulative histograms are formed from the component-specific histograms, the illumination colour corresponding to at least one colour component is defined from the cumulative histograms, and using target colour and defined illumination colour are defined for at least two colour components, a gain factor adjusts ~~adjusting~~ the colour balance. In addition, ~~the invention also relates to~~ a corresponding system, equipment, and software means implement ~~for implementing~~ the method.